



California Fruit & Nut Review

Cooperating with the California Department of Food and Agriculture

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Plum harvest continued with Angeleno and October Gem varieties being picked and packed. Black Kat, Flavorich, and Holiday pluot harvest continued. Pomegranate harvest continued for Early Wonderful, Wonderful, and Early Foothill varieties. Granny Smith and Gala apple varieties were being picked. Quince harvest was nearing completion by the end of the month and pear harvest was ongoing. A few fall strawberries were being picked. Olive fruit continued to size and some orchards were sprayed for olive fruit flies.

SEPTEMBER CROP COMMENTS

California grape growers continued to fertilize, irrigate, cultivate, and spray to control weeds, diseases, and insect pests in vineyards across the State. Raisin grape growers were breaking canes on dried-on-the-vine varieties or laying grapes on trays to dry. Autumn Royal, Champagne, Crimson Seedless, Christmas Rose, Niabell Concord, Kyoho, Red Globe, Summer Royal, and Thompson Seedless varieties were being harvested for fresh use. Wine and juice grape harvest continued for Alicante Bouchet, Grenache, Merlot, Muscat, Pinot Noir, Thompson Seedless, and Zinfandel varieties. Stone fruit cultural practices such as irrigation, fall pruning, and treatments to control weeds and insect pests continued throughout the month. Jujube and fig harvests continued. Peach varieties harvested were Autumn Flame, Prima Gattie, Sweet September, September Snow, September Sun, Snow Fall, Snow Gem, and Snow Magic. Nectarine varieties that continued to be harvested were Arctic Mist, Arctic Pride, Autumn Blaze, Late Red Jim, and Summer Flare.

Almond harvest continued and groves were being treated for insects and weeds. Pistachio harvest was underway throughout the month. Pesticides for codling moths, husk flies, and mites were being applied in walnut groves. Cultural activities in nut orchards, such as fertilization and irrigation, were underway during the month.

Pecan production in California is forecast at 4.20 thousand pounds (in-shell basis), up 24 percent from last year's crop

California's 2007 prune production forecast is 90.0 thousand dried tons, down 5 percent from the June 1 forecast and 50 percent lower than last year's crop of 180 thousand tons. The 2007 prune crop experienced an extremely warm period during bloom. As a result of poor pollination, fruit set was depressed. Many growers in Yuba and Sutter counties experienced extremely low yields. Production was also hindered due to stressed orchards recovering from the previous year's high production.

FRUIT AND NUT STATISTICS AT A GLANCE

Crop	Bearing Acreage		Yield Per Acre		Estimated Production		Production Percent Change	Next Crop Update
	2006	2007	2006	2007	2006	2007		
NUT CROPS	Acres		Pounds		1,000 Pounds			
Almonds (Shelled)	585,000	615,000	1,910	2,160	1,115,000	1,330,000	19	January 2008
Pecans	2,900	2,900	1,170	1,450	3,400	4,200	24	January 2008
Pistachio (In-Shell)								
Marketable In-Shell	---	---	---	---	201,000	---		
Shelling Stock	---	---	---	---	37,000	---		
Total	110,000	---	2,160	---	238,000	---		January 2008
Walnuts (In-Shell)	216,000	216,000	Tons		1,000 Tons			
			1.60	1.48	346.0	320.0	-8	January 2008
FRUIT CROPS								
Apples ^{1/}	23,000	22,500	7.72	7.56	177.5	170.0	-4	January 2008
Apricots	13,800	13,800	2.83	5.80	39.0	80.0	105	January 2008
Cherries	28,000	29,000	1.50	3.17	42.1	92.0	119	January 2008
Grapes, Raisin ^{1/}	234,000	234,000	7.95	9.40	1,861.0	2,200.0	18	January 2008
Grapes, Table ^{1/}	83,000	83,000	8.78	9.40	729.0	780.0	7	January 2008
Grapes, Wine ^{1/}	480,000	480,000	6.62	6.67	3,176.0	3,200.0	1	January 2008
Grapes, All ^{1/}	797,000	797,000	7.23	7.75	5,766.0	6,180.0	7	January 2008
Olives	31,000	31,000	0.76	3.55	23.5	110.0	368	January 2008
Peaches, Clingstone	27,000	26,300	13.30	17.10	359.0	450.0	25	January 2008
Peaches, Freestone	36,000	36,000	9.81	10.80	353.0	390.0	10	January 2008
Pears, Bartlett	12,000	12,000	16.60	18.30	199.0	220.0	11	January 2008
Pears, Other	4,000	4,000	10.00	10.50	40.0	42.0	5	January 2008
Plums, Dried	65,000	65,000	2.77	1.38	180.0	90.0	-50	January 2008
BERRIES			Cwt.		1,000 Cwt.			
Strawberries	35,800	35,500	590	570	21,163	20,235	-4	January 2008
CITRUS CROP ^{2/}	2006-07	2007-08	2006-07	2007-08	2006-07	2007-08		
			Cartons		1,000 Cartons			
Grapefruit ^{3/}	11,500	11,000	696	818	8,000	9,000	13	January 2008
Lemons ^{3/}	45,000	44,000	711	750	32,000	33,000	3	January 2008
Oranges, Navel ^{1/}	136,000	137,000	500	628	68,000	86,000	26	January 2008
Oranges, Valencia	43,000	43,000	512	698	22,000	30,000	36	January 2008
Tangerines ^{3/ 4/}	16,000	18,000	363	522	5,800	9,400	62	January 2008

^{1/} Forecast carried forward from August 2007.

^{2/} Grapefruit - 33.5 lbs. per carton, Lemons - 38.0 lbs. per carton, Oranges - 37.5 lbs. per carton, Tangerines - 37.5 lbs. per carton.

^{3/} Revised 2006-07 data.

^{4/} Includes tangelos, tangerines, and tangors.

CALIFORNIA CITRUS

Oranges: California's all orange production forecast for October 1 is 2.18 million tons, up 29 percent from 2006-07, but 5 percent below the 2005-06 final utilization.

Navel oranges are forecast at 1.61 million tons, up 26 percent from last season, but down 9 percent from the 2005-06 utilization. Fruit set per tree was heavy, but fruit size was smaller than average. Some varieties of Navel oranges were being picked.

The October 1 production forecast for **Valencia** oranges is 563 thousand tons, up 36 percent from 2006-07 and 7 percent higher than 2005-06. The new season has been progressing well and growers are expecting a good production year for Valencia oranges.

Grapefruit: The California grapefruit forecast, of 151 thousand tons, is 13 percent higher than the 2006-07 season, but 25 percent lower than 2005-06. Grapefruit for the 2007-08 season continued to develop normally as harvest of the 2006-07 crop wound down.

Lemon: California production is forecast at 627 thousand tons, 3 percent above last season, but 25 percent lower than 2005-06. Harvest started in the desert growing region where the winter freeze had a negative impact on production.

Tangerines: California's tangerine forecast is 176 thousand tons, up 62 percent from last season's freeze-damaged crop and 31 percent above 2005-06. Harvest of Satsuma tangerines has begun in parts of the State.

FLORIDA CITRUS

All citrus producing areas received less than average amounts of rainfall for the month of September. Cooler mornings in conjunction with late afternoon to early evening rainstorms during the third and fourth weeks of September were a welcome relief to producers in many areas. High temperatures reached the low to mid 90s during the day and night lows were in the upper 60s toward the end of the month.

Although average fruit per tree was higher across all citrus, average fruit size was smaller. Maturity levels were slightly behind normal as of October 1. Some splitting of fruit was noticed late in September due to dry weather followed by some moderately heavy days of rain. Harvest began on Fallglo tangerines, Ambersweet and Navel oranges, and grapefruit. Caretakers were mowing, applying herbicide, fertilizing, pulling vines, and cleaning groves. Scouting for canker and greening continued.

CITRUS FRUIT PRODUCTION BY STATE AND U.S.

Crop and State	2005-06	2006-07	2007-08 Forecast
	1,000 Cartons		
ORANGES: 1/			
California, All	122,000	90,000	116,000
Navel & Misc.	94,000	68,000	86,000
Valencia	28,000	22,000	30,000
Florida	295,400	258,000	336,000
Texas	3,200	3,960	3,600
Arizona	900	600	600
U.S. TOTAL	421,500	352,560	456,200
GRAPEFRUIT: 2/			
California, All	12,000	8,000	9,000
Florida	38,600	54,400	50,000
Texas	10,400	14,200	13,600
Arizona	200	200	400
U.S. TOTAL	61,200	76,800	73,000
LEMONS: 3/			
California	44,000	32,000	33,000
Arizona	7,600	5,000	3,000
U.S. TOTAL	51,600	37,000	36,000
TANGERINES: 4/			
California 5/	7,200	5,800	9,400
Florida	11,000	9,200	10,200
Arizona 5/	1,100	600	800
U.S. TOTAL	19,300	15,600	20,400

1/ ORANGES: California and Arizona, 1 carton = 37.5 lbs.;

Florida, 1 carton = 45 lbs.; Texas, 1 carton = 42.5 lbs.

2/ GRAPEFRUIT: California and Arizona, 1 carton = 33.5 lbs.;

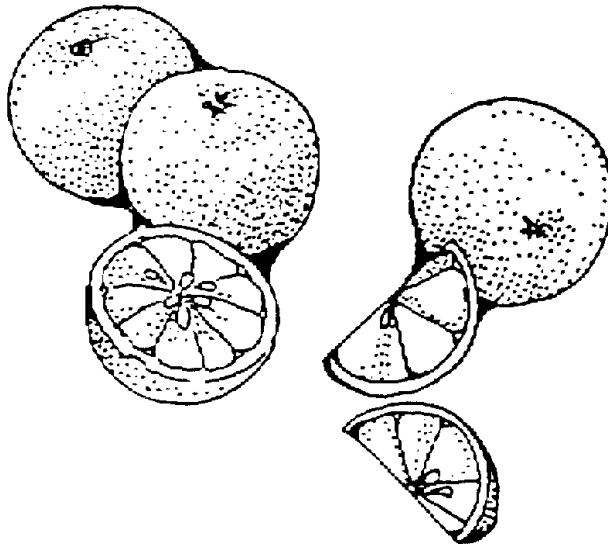
Florida, 1 carton = 42.5 lbs.; Texas, 1 carton = 40 lbs.

3/ LEMONS: 1 carton = 38 lbs.

4/ TANGERINES: California and Arizona, 1 carton = 37.5 lbs.;

Florida, 1 carton = 47.5 lbs.

5/ Includes tangelos, tangerines, and tangors.



CALIFORNIA GRAPES

California's **all** grape varieties for the 2007 season is forecast at 6.18 million tons, unchanged from August, but 7 percent above last year.

Wine-type variety grape production is expected to total 3.20 million tons, unchanged from the August forecast, but up 1 percent from 2006. Wine-type grapes account for 52 percent of California's grape crop. The wine-type grape harvest progressed well until rain and cool temperatures hit the State. The unfavorable weather caused some growers to delay harvest until sugar content returned to more adequate levels.

Production of **table-type** grapes is forecast at 780 thousand tons, unchanged from the August forecast, but 7 percent above last year. Late table-type grape varieties were being harvested for fresh use. The major varieties picked included Crimson Seedless, Red Globe, and Autumn Royal. Overall, the quality of grapes was reported to be extremely good this year, although berry size is not as large as in some seasons.

The **raisin-type** variety grape production is forecast at 2.20 million tons, 36 percent of California's total grape crop. The production forecast for raisin-type grape varieties is unchanged from the previous forecast, but 18 percent above a year ago.

FRUIT PRODUCTION

Crop and State	2005	2006	2007 Forecast
	Tons		
APPLES			
California ^{1/}	177,500	177,500	170,000
Idaho ^{1/}	35,000	30,000	22,500
Michigan	380,000	425,000	390,000
New York	522,500	625,000	630,000
North Carolina	65,000	86,500	25,000
Ohio ^{1/}	49,500	51,000	27,500
Oregon ^{1/}	72,500	75,000	72,500
Pennsylvania	250,000	235,000	227,500
Virginia	125,000	110,000	105,000
Washington	2,850,000	2,825,000	2,700,000
West Virginia	43,500	45,000	40,000
Other States ^{1/ 2/}	281,950	280,850	217,350
U.S. TOTAL	4,852,450	4,965,850	4,627,350
GRAPES			
California: All	6,963,000	5,766,000	6,180,000
Wine	3,806,000	3,176,000	3,200,000
Table ^{3/}	872,000	729,000	780,000
Raisin ^{3/}	2,285,000	1,861,000	2,200,000
Michigan	102,700	32,500	100,000
New York	178,000	155,000	176,000
Pennsylvania	90,000	82,000	80,000
Washington	415,000	316,000	385,000
Other States ^{1/ 4/}	65,000	65,650	69,450
U.S. TOTAL	7,813,700	6,417,150	6,990,450

- ^{1/} Estimates for current year carried forward from an earlier forecast.
- ^{2/} Other state include: AZ, CO, CT, GA, IA, IL, IN, KY, MA, MD, ME, MN, MO, NH, NJ, RI, SC, TN, UT, VT, and WI.
- ^{3/} Fresh basis.
- ^{4/} Other states include: AR, AZ, GA, MO, NC, OH, OR, TX, and VA.

CASH INCOME BY COMMODITY GROUPS, CALIFORNIA, 2004-2006 ^{1/}

Source of Income	2004	2005	2006
	\$1,000		
FRUIT AND NUT CROPS			
Almonds	2,189,005	2,525,909	2,040,357
Apples	73,084	54,699	76,383
Apricots	28,575	33,930	23,128
Avocados	374,761	279,745	334,325
Berries, Bushberries	209,007	257,984	300,983
Berries, Strawberries	1,040,900	1,122,834	1,194,379
Cherries	123,156	84,751	124,391
Dates	23,086	24,101	27,949
Figs	20,214	25,919	24,881
Grapefruit	53,706	101,087	86,811
Grapes	2,765,776	3,343,324	3,032,178
Kiwifruit	19,977	22,461	23,148
Lemons	277,019	295,913	406,874
Nectarines	86,184	120,456	112,706
Olives	60,643	80,097	18,119
Oranges, Navel and Miscellaneous	416,003	632,446	407,952
Oranges, Valencia	137,242	218,232	135,454
Peaches, Clingstone	141,494	122,939	104,846
Peaches, Freestone	109,760	157,048	165,562
Pears	80,432	79,790	68,269
Pecans	7,735	7,110	5,848
Pistachios	464,980	580,150	454,580
Plums	74,347	92,463	110,217
Plums, Dried	121,042	81,927	155,806
Tangerines	43,358	44,818	50,379
Walnuts	451,750	557,350	553,600
Other Fruits and Nuts	177,293	213,434	203,600
TOTAL	9,570,529	11,160,916	10,242,724

Source of Income	2004	2005	2006
	\$1,000		
VEGETABLE CROPS	6,445,565	6,422,976	6,961,430
FIELD CROPS	2,770,126	3,058,919	2,779,120
LIVESTOCK, POULTRY AND PRODUCTS	8,558,441	8,425,628	7,614,979
NURSERY, GREENHOUSE AND FLORICULTURE	3,576,428	3,688,288	3,795,453
CHRISTMAS TREES	8,089	9,026	9,000
TOTAL CASH INCOME FROM MARKETINGS	30,929,178	32,765,753	31,402,706
FARM RELATED INCOME ^{2/}	3,151,054	2,258,117	2,736,390
GROSS CASH INCOME FROM FARMING	34,080,232	35,023,870	34,139,096

^{1/} Totals may not add due to rounding.

^{2/} Includes value of home consumption, value of inventory adjustments, machine hire and custom work, forest products sold, rental value of farm dwelling, government payments, and other miscellaneous farm income.